

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

REC'D 19 MAY 2006

WIPO PCT

Applicant's or agent's file reference 36969WO1	<b>FOR FURTHER ACTION</b>	See Form PCT/IPEA/416
International application No. PCT/US05/03239	International filing date ( <i>day/month/year</i> ) 28 January 2005 (28.01.2005)	Priority date ( <i>day/month/year</i> ) 28 January 2005 (28.01.2005)
International Patent Classification (IPC) or national classification and IPC IPC: B32B 7/02; B41M 5/26, 3/12; B44C 1/165; D03D 15/00; G09G 5/00; G01K 3/02 USPC: 156/230,247,272.2; 345/204; 428/40.1,40.9,41.1,41.6,195,212; 442/209,210,212		
Applicant KENT DISPLAYS INCORPORATED		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.

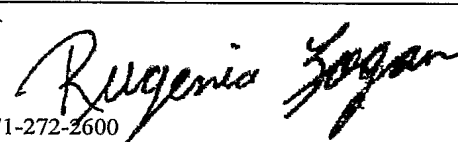
2. This REPORT consists of a total of   3   sheets, including this cover sheet.

3. This report is also accompanied by ANNEXES, comprising:

- a. ☐ (*sent to the applicant and to the International Bureau*) a total of    sheets, as follows:
- ☐ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
  - ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
- b. ☐ (*sent to the International Bureau only*) a total of (indicate type and number of electronic carrier(s))   , containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

- ☒ Box No. I Basis of the report
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

Date of submission of the demand 30 November 2005 (30.11.2005)	Date of completion of this report 08 May 2006 (08.05.2006)
Name and mailing address of the IPEA/ US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized officer Bipin H Shalwala  Telephone No. 571-272-2600

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/US05/03239

**Box No. I Basis of the report**1. With regard to the **language**, this report is based on:

- ☒ the international application in the language in which it was filed.
- ☐ a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
- ☐ publication of the international application (under Rule 12.4(a))
- ☐ international preliminary examination (under Rules 55.2(a) and/or 55.3(a))

2. With regard to the **elements** of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):

- ☒ the international application as originally filed/furnished
- ☒ the description:  
pages 1-61 as originally filed/furnished  
pages\* NONE received by this Authority on \_\_\_\_\_  
pages\* NONE received by this Authority on \_\_\_\_\_
- ☒ the claims:  
pages 62-69 as originally filed/furnished  
pages\* NONE as amended (together with any statement) under Article 19  
pages\* NONE received by this Authority on \_\_\_\_\_  
pages\* NONE received by this Authority on \_\_\_\_\_
- ☒ the drawings:  
pages 1-14 as originally filed/furnished  
pages\* NONE received by this Authority on \_\_\_\_\_  
pages\* NONE received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to the sequence listing (*specify*): \_\_\_\_\_

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to the sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.  
PCT/US05/03239**Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

## 1. Statement

Novelty (N)	Claims <u>NONE</u>	YES
	Claims <u>1-35</u>	NO
Inventive Step (IS)	Claims <u>NONE</u>	YES
	Claims <u>1-35</u>	NO
Industrial Applicability (IA)	Claims <u>1-35</u>	YES
	Claims <u>NONE</u>	NO

## 2. Citations and Explanations (Rule 70.7)

Claims 1-35 lack novelty under PCT Article 33(2) as being anticipated by Umeya et al., (U.S. 20030031845 A1).

Umeya shows a drapable transfer display film (In abstract) of plurality stacked layers that are prepared on, cured and lifted from a release surface and then transferred to a drapable substrate (In fig.1 and fig.2 and In section 0010,0034 and 0039), the plurality of stacked layers having at least one liquid crystal layer and at least one electrically conductive layer near the liquid crystal layer (In section 0012, 0013, 0034, 0035). Umeya shows adhesive layer to bond the plurality of layers to an adhesive (in section 0037); transfer display film and drape coefficient less than 100%) in section 0051); a casting layer applied on the release surface on which other layers (In fig.1) and electrical insulation layer located between the first electrically conductive layer and the liquid crystal layer (in section 0054) and layer having left and right twist cholesteric materials (in section 0036).

----- NEW CITATIONS -----

NONE